

It covers the principal phyla from Protozoa to the lower Chordata with stress on the littoral forms. Edmondson has devoted ninety-one pages to the mollusks, giving descriptions of the families found in the Hawaiian Islands and photographs or drawings of many of the species. Eighty-two pages have been devoted to the arthropods with many figures, especially of the crabs.

In the introduction, Edmondson has briefly discussed collecting in the Islands, stressing some of the more accessible localities and mentioning the groups of animals to be found in each.—R. D. TURNER

Hirase, S., 1934: A Collection of Japanese Shells with Illustrations in Natural Color. Tokyo, Japan, 217 pp., 129 plates.

In this colorful book Shintaro Hirase has produced a guide that is most helpful, not only to collectors of Japanese mollusks but to students of Indo-Pacific marine shells in general, for many of the 1360 species illustrated are found throughout much of that region. All of the 129 plates are in full color and though many of the shells were not reproduced natural size, the measurements of each are given in the plate captions. Illustrations of most of the larger shells are reduced from natural size. Unfortunately the very small ones are not enlarged and so they are of little help in identification. This group of small shells, however, includes only a very small portion of the total species shown.

The plate captions are given in both English and Japanese. The book is intended to serve solely as a pictorial guide to aid in identification, no descriptive remarks or data on the ranges of the species are given.—R. D. TURNER